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# Information needs and seeking behaviour of private hospital nurses of Bhubaneswar, odisha: A comparative study

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## ABSTRACT

This is a study about information needs and seeking behaviour of nurses of private hospitals of Bhubaneswar, Odisha: A comparative study. This study unfolds the information needs and what are the relevant sources of information for nurses of the private hospitals of Bhubaneswar. For this study a well structure questionnaire were distributed among the private hospitals and after the response come the data analysis done in ms-excel sheet. The hospitals are Annapurna hospital, Apex hospital, Apollo hospital, Ayush hospital, Care hospital, Hi-tech medical college and hospital, Kalinga hospital, KIMS Hospital, Neelachal hospital, Padma hospital, Sparsh hospital, Sum hospital, Utkal hospital, Usthi hospital and research centre, which are the multispecialty hospitals of Bhubaneswar. The study focuses about the nurses of the private hospitals. Nurses are the backbone of medical history so if they are not able to do their duty the medical system will be collapse. All the collected data analysed in simple percentages and tables. In modern society there are various types of resources, e.g. print or e-resources. After the internet it is very much easy to find the relevant information. The study concludes that nowadays nurses are very much aware about information needs and information sources and they find the relevant information very properly.

## KEYWORD

KIMS, Apollo hospital, care hospital, Sum hospital, Kalinga hospital, Nurses, Hospital

## INTRODUCTION

Nurses are the most important part of medical system. Most of the parts are depends on them. If they are unable to do their duties the system may be in trouble. This present study is based on a survey method of private hospital nurses of Bhubaneswar. Information is the backbone of any system. If a person gets proper information timely he/she can do their work properly but if he/she fails to know the current information they cannot work properly. Because the nurses play a very vital role in our medical system so they have to update them all the time, without updating they cannot do their work properly. Medical science is improving day by day so not only print sources e-resources play a very important role to know the instant information. The study also reveals the awareness and usage of resources and also focuses the problems they are facing.

## ABOUT PRIVATE HOSPITALS UNDER STUDY

In Bhubaneswar, Odisha there are various multispecialty hospitals. There are many hospitals which have various facilities and many nurses are working in those hospitals, e.g. Annapurna hospital, Apex hospital, Apollo hospital, Ayush hospital, Care hospital, Hi-tech medical college and hospital, Kalinga hospital, KIMS hospital, Nellachal hospital, Padma hospital, Sum hospital, Utkal hospital, Usthi hospital and research centre etc. The year of establishment and number of staff nurses, Apex hospital 1997,60 staff nurses, Apollo hospital 2010 and 780 staff nurses, Ayush hospital 2007,150 staff nurses, Care hospital 2007,750 staff nurses, Hi-tech medical college and hospital 1997,560 staff nurses, Kalinga hospital 1990,700 staffs nurses, KIMS hospital 2007,890 staff nurses, Neelachal hospital 2005,300 staff nurses, Padma hospital 2015,15 staff nurses, Sparsh hospital 2007, 70 staff nurses, Sum hospital 2003,750 staff nurses, Utkal hospital 2006,200 staff nurses, Usthi hospital and research centre 2001.150 staff nurses. KIMS hospital is a younger hospital but its facility is mind-blowing and it grow up so quickly, maximum number of staff nurses are working in KIMS hospital, Bhubaneswar, Odisha.

## REVIEW OF RELATED LITERATURE

Anyanwu,Oparaku,Benson(2016) conducted a study about nurses information seeking behaviour in Nigeria. The study reveals that they have to improve their skills and patient care technique. The main sources of data are by internet but they use other types of database for improving their skills. They are not happy about the sources of information. Argyri,Kostagiolas and Diomidous (2014) studied about the information seeking behaviour of nurses in Greece. A well structured questionnaire was distributed. They need information about their work related issues and the main source of information is online information. Asemi, Asefeh(2005) conducted a study about the search habits of the users of medical university. A very structured questionnaire was distributed among the internet users to collect the data. After the survey it find out that in this modern age most of the users are frequently using internet as they have free connection of internet. In various ways they are using internet for fulfil their information needs. Lorence,Daniel and park, Heeyoung(2007) are conducted a study about information seeking behaviour. After the study it reveals that it defers from gender to gender. Javelin and Ingwerson(2004)examined students and academic settings to explain competency theory admits application in analyzing information seeking behaviour in those who do not realize their own incompetence and therefore overestimate their abilities and other people's performance, low-level information seeking skills may then affect individuals' ability to recognize the need for information and the value of libraries and other information providers. Information professionals need to recognize low level literacy skills and library anxiety in all service populations in order to provide outreach and system to assist these students or patrons.

## OBJECTIVES OF THE STUDY

The main objectives are

1. Find out the form of material prefers to use.

2. To find out the information channels used for seeking information.
3. To identify the problems faced by the respondents.
4. Find out the usage of electronic resources.
5. Find out the purpose of seeking information.
6. Establish the adequacy of the information sources used by nurses.
7. Identify the implements to nurses information needs.

## METHODOLOGY

The methodology is depending on questionnaire method. A well structure questionnaire was prepared and distributed among the private hospital nurses, to collect data the language of the questionnaire was English. Sometime applied survey method to find out the proper data. After collection of data, analysed in ms-excel.

## DATA ANALYSIS AND RESULT

### 1. List of private Hospitals

Hospitals	Year of establishment	No of nurses
Annapurna hospital	2005	50
Apex hospital	1997	60
Apollo hospital	2010	780
Ayush hospital	2007	150
Care hospital	2007	750
Hi-tech medical college and hospital	1997	560
Kalinga hospital	1990	700
KIMS Hospital	2007	890
Neelachal hospital	2005	300
Padma hospital	2015	15
Sparsh hospital	2007	70
Sum hospital	2003	750
Utkal hospital	2006	200
Usthi hospital and research hospital	2001	150

These are the private hospitals of Bhubaneswar, Odisha. There are many private hospitals in Bhubaneswar but the mentioned hospitals have all the facilities and main hospitals of Bhubaneswar. In the table there are year of establishment of hospital and the number of present staff nurses.

### 2. Demographic description

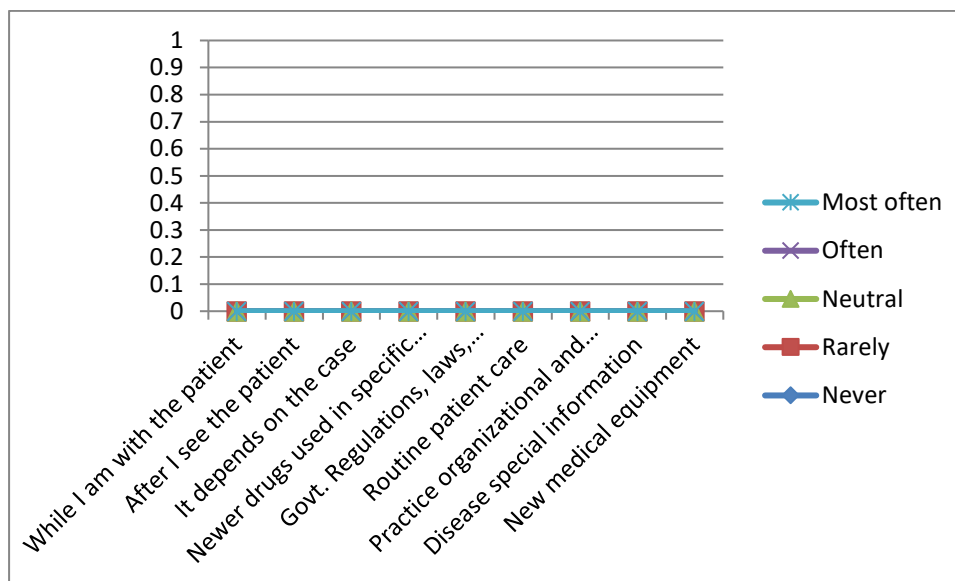
Gender					
Male			Female		
10%			90%		
Age Group					
17 to 19	20 to25	26 to 30	31 to 35	35 and more	
03%	22%	30%	32%	13%	
Marital Status					
Married	Single	Separated	Divorced	Widowed	Other
45%	38%	5%	3%	7%	2%
Academic Qualification					
GNM	Bsc nursing		Msc Nursing		Other
50%	45%		2%		3%

After analysing the demographic description from the collected questionnaire it find out that most of the most of the nursing staffs of these mentioned hospitals are female staffs and very few male staffs are there. The marital status of the private hospital nurses are 45 percent is married, 38 percent of nurses are single, 5 percent nurses are separated, 3 percent of nurses are divorced, and 7 percent of nurses are widow. After analysing the educational qualification it is found that most of the nursing staffs completed their GNM and Bsc nursing.

### 3. Information needs of the nurses

Needs	Never	Rarely	Neutral	Often	Most often
While I am with the patient				yes	
After I see the patient		yes			
It depends on the case					yes
Newer drugs used in specific managing of diseases			yes		
Govt. Regulations, laws, relating to health care				yes	
Routine		yes			

patient care					
Practice organizational and management				yes	
Disease special information					yes
New medical equipment					yes



After analysing the data it is find out that most of the staff nurses needs information often while they are in the patient and Govt. regulations, laws, relating to health care and practice organizational and management. Then most of the nurses need information rarely after see the patient and routine patient care. They need information most often about depends on the case, disease special information and new medical equipment. They are neutral about newer drugs used in specific managing of diseases.

#### 4. Information sources used by nurses

Formal Sources					
Sources	Never	Rarely	Neutral	Often	Most often
Textbook		yes			
Reference book				yes	
Journal				yes	
Conference Proceedings				yes	
Newsletter			yes		
Newspaper				yes	
Magazine				yes	
Non print sources					

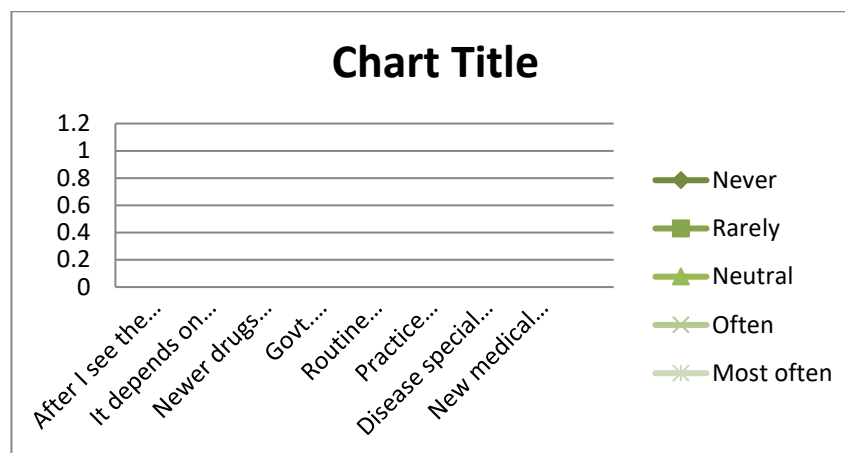
Television				yes	
Cds and DVDs		yes			
Online Sources					
e-journals				yes	
e-books				yes	
Subject database				yes	
Internet sources					yes
Open assess sources				yes	
Informal sources					
Discussion forum				yes	
Discussion with subject expert				yes	
Attending seminars					yes
Discussion with librarians				yes	
Discussion with clients				yes	

There are various sources of information but after analysis the questionnaire it find out that which formal, informal, online sources use the staff nurses of private hospitals of Bhubaneswar. They rarely use textbook and cds or dvds. Often use reference book, journal, conference proceddings,newspaper,magazine,television,e-journals,e-books,subject database open assess sources, discussion forum, discussion with subject expert, discussion with librarians, discussion with clients. And they most often use internet sources and attending seminars.

## 5. Problem Encountered

Problems	Strongly disagree	Disagree	No opinion	Agree	Strongly agree
Lack of time				yes	
Information overloaded			yes		
Lack of searching skill			yes		
Information scattered in too many sources					yes
Tech/Power/network problems				yes	

Internet connectivity		yes			
Limited knowledge on technology			yes		
No opportunity to learn		yes			
No guidance with clients		yes			



To use the information sources and fulfil their information needs they think lack of time and technical, power, network problems are the major problems. They did not mention any opinion about information overload, lack of searching skill and limited knowledge on technology. They strongly agree about information scattered in too many sources. They disagree about internet connectivity, no opportunity to learn and no guidance with clients.

## FINDINGS AND CONCLUSION

This is the study of private hospitals nurses of Bhubaneswar. This is a comparative study of multispecialty hospitals of Bhubaneswar, Odisha. After doing the study it is find out those nurses needs various types of information because they are the most important part of medical history. It finds that maximum number of nurses are female. Working colleagues that is nurses and doctors were accepted as the most adequate information source. Most of the management of the hospital provide training, workshops and other current information sources of managers for the nurses for the betterment of their work. Nurses need to continually improve their skills and knowledge through a dynamic interaction with healthcare information space. They most often use internet sources because all the information are scattered in the web. Using efficiently and effectively the advanced information sources and the internet in order to satisfy their needs becomes a crucial skill.

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